

MATERIAL SAFETY DATA SHEET

HMIS: Health - 1 Fire - 0 Reactivity - 0

Revision Date: 12/15/98

EPOXI-TECH, INC.

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Madison Heights, MI 48071

In case of an emergency, call, 248-585-7500

I. IDENTIFICATION & PHYSICAL DATA

Product name: Multi Purpose Epoxy/Acrylic
Part 'B'

Product Class: Acrylic dispersion

Manufacturer's ID: 25100 through 25999

VOC: 210 g/L

Evaporation Rate: slower than butyl acetate

Appearance and Odor: pigmented liquid with
slight ammonia odor.

Percent volatile by weight: 49.4%

Boiling Range: 212 - 250 °F

Vapor Density (air=1): <1

Weight Per Gallon: 10.5 lbs/gal

Vapor Pressure at 20 °C: 17 mmHg @ 20°C/68°F

Solubility in Water: dispersion

II. HAZARDOUS INGREDIENTS

Ingredient	CAS #	WT %	OSHA TWA ppm	OSHA STEL ppm	ACGIH STEL ppm
Acrylic copolymer	measure	<30	N/E	N/E	N/E
Titanium Dioxide	13463-67-7	<30	N/E	N/E	N/E
water	7732-18-5	<40	N/E	N/E	N/E

* The specific chemical identity and proportion of this component is being held as trade secret information

III. FIRE & EXPLOSION DATA

Flashpoint: >200 °F (>93°C) Setflash

LEL: N/AV

Extinguishing Media: Use extinguishing media appropriate for surrounding fire

Special Fire Fighting Procedures: Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear

Unusual Fire & Explosion Hazards: Material can splatter above 100°C/212°F

IV. REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions and materials to Avoid: Avoid heat, flame and contact with strong oxidizing agents

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide

V. HEALTH HAZARD DATA

Effects of Overexposure:

Eye Contact: May cause slight irritation

Skin Contact: Prolonged or repeated skin contact can cause skin irritation.

Inhalation: Inhalation of vapor or mist can cause headache, nausea, irritation of nose, throat, and lungs.

Ingestion: Can be mildly toxic if swallowed.

Emergency & First Aid Procedures:

Eye Contact: Flush with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention if irritation persists.

Skin Contact: Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.

Inhalation: Move person to fresh air.

Ingestion: Do not induce vomiting. Give 2 glasses of water unless victim is drowsy, convulsing, or unconscious. Seek medical attention immediately.

VI. SPILL OR LEAK PROCEDURES

Steps to Be Taken in the Event of a Spill: Dike spill. Soak up material with an absorbent such as clay, sand or other suitable material. Dispose of properly. Flush area with water to remove residue. Prevent washing from entering waterways. Spills or releases to the environment may be reportable to the National Response center (800-424-8802) and to state and/or local agencies.

Waste Disposal Method: Incinerate or use biological treatment in accordance with federal, state, and local regulations.

VII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Wear a properly fitted NIOSH/MSHA approved respirator whenever exposure to vapor/mist is likely unless levels are below applicable limits.

Ventilation: Local exhaust recommended when appropriate to control employee exposure. Mechanical is not recommended as the sole means of controlling employee exposure.

Protective Gloves: For operations where contact can occur, wear impervious gloves (Neoprene).

Eye Protection: Chemical splash goggles.

Other Protective Equipment: For operations where contact can occur, coveralls, apron and rubber foot covering are recommended. A safety shower and eye wash facility should be available.

VIII. SPECIAL PRECAUTIONS

Avoid contamination of skin. Do not apply to hot surfaces or use in areas where exposed to electric sparks. Keep away from fire and open flame. Ground containers when transferring from one to another. Store in cool, dry areas. Remove and launder contaminated clothing before reuse.

IX. STATE REGULATORY INFORMATION

This information is provided in conjunction with the ingredient information in Section II to meet various regulatory composition requirements

Component	CAS#	amount	Lists
none known			

CA = CALIFORNIA HAZ. SUBST. LIST, CA65C, CA65R, CA65C/R = CALIFORNIA SAFE DRINKING WATER AND TOXICS ENFORCEMENT ACT OF 1986 OR PROPOSITION 65 LIST, CT = CONNECTICUT TOXIC SUBST. LIST, FL = FLORIDA SUBST. LIST, IL = ILLINOIS TOX. SUBST. LIST, LA = LOUISIANA HAZ. SUBST. LIST, MA = MASSACHUSETTS SUBST. LIST, ME = MAINE HAZ. LIST, MN = MINNESOTA HAZ. SUBST. LIST, NJ = NEW JERSEY HAZ. SUBST. LIST, PA = PENNSYLVANIA HAZ. SUBST. LIST, RI = RHODE ISLAND HAZ. SUBST. LIST

CALIFORNIA PROPOSITION 65 FOOTNOTE, CA65C = THE CHEMICAL IDENTIFIED WITH THIS CODE IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, CA65R = THE CHEMICAL IDENTIFIED WITH THIS CODE IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM, CA65C/R = THE CHEMICAL IDENTIFIED WITH THIS CODE IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BOTH CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

X. SARA TITLE III INFORMATION

This product contains the following chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-know Act of 1986 and of 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for this material.

Component	CAS#	311/312 category
none known		

SARA Section 311 and 312 hazard classification(s) for this product are listed below:

H-1 = Immediate (acute) health hazard H-2 = Delayed (chronic) health hazard.

P-3 = Fire hazard P-4 = Sudden release of pressure hazard P-5 = Reactive hazard

XI. RCRA INFORMATION

Since this product is not sold as a waste, we have not tested it as a waste. Based on our knowledge of the product, its raw materials and processes employed during its manufacture, we believe it is unlikely that this product is a hazardous waste for Federal RCRA purposes. We recommend that you carry out your own tests and evaluations prior to discarding any materials.

XII. CERCLA INFORMATION

Under EPA-CERCLA releases to air, land or water which exceed the reportable quantity must be reported to the National Response Center (800-424-8802)

XII. TRANSPORTATION INFORMATION

DEPARTMENT OF TRANSPORTATION CLASSIFICATION: not hazardous by D.O.T. regulations.

D.O.T. PROPER NAME: not regulated

OTHER REQUIREMENTS: none

XIV. SPECIAL NOTES

To the best of our knowledge, the information contained herein is accurate. However, no liability whatsoever is assumed for the accuracy or completeness of the information contained herein., Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that they are the only hazards that exist.